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Atty Dkt No. 045007-0307218
Pat. App. Ser. No. 10/731,411

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

Cox, et al.

Group Art Unit: 1614

Appln. No.: 10/731,411

Examiner: to be assigned

Filed: December 8, 2003

Title: NEUROTOXIC AMINO ACID OR NEUROTOXIC DERIVATIVE THEREOF
ASSOCIATED WITH NEUROLOGICAL DISORDERS

TRANSMITTAL LETTER

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

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Handwritten signature of Sachiko Y. Snedden
Sachiko Y. Snedden

Sir:

Transmitted herewith for filing are the following:

1. Information Disclosure Statement;
2. PTO Form 1449;
3. Copy of International Search Report mailed July 6, 2004;
4. Cited References (except for U.S. Patent documents) (18); and
5. Return Postcard.

No fee is incurred for filing this Statement. However, the Commissioner is hereby authorized to charge any fee that may be due in connection with this and the attached papers, or with this application during its entire pendency, or to credit any overpayment to Deposit Account 50-2212, Order No. 045007-0307218. A duplicate of this Transmittal is enclosed.

Respectfully submitted,

Pillsbury Winthrop LLP

Date: November 4, 2004

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Attached is Form PTO-1449 listing the cited references in this statement.

Contingent Request Under Rule 97(c): Should a first action on the merits have been issued on the same day or before this Information Disclosure Statement is filed, please accept this Information Disclosure Statement under Rule 97(c) and charge the requisite Rule 17(p) fee to our Deposit Account No. 50-2212, under the above Atty Dkt. No., and proceed to consider this Information Disclosure Statement.

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By: 

Sachiko Y. Snowden

Date: November 4, 2004

This IDS is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully.

The references in this Information Disclosure Statement were cited in a counterpart foreign application. The PCT International Search Report for PCT/IB03/03164, in English, is attached for the Examiner's information.

This Information Disclosure Statement is not to be constructed as a representation that any of the listed citations establishes, by itself or in combination with other information, a prima facie case of unpatentability of any claim in the above-identified patent application. Additionally, this Information Disclosure Statement is not to be constructed as a representation that a further search of the art has been made by the Applicant, or that additional information unknown to the Applicant and relevant to the examination of this patent application does not exist.

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

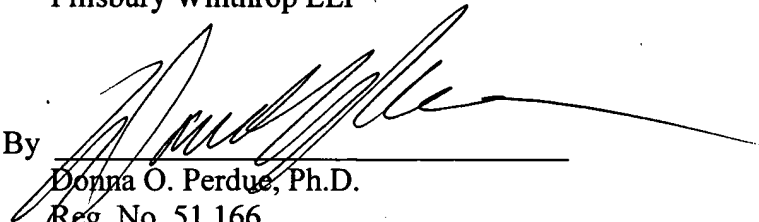
Respectfully submitted,

Pillsbury Winthrop LLP

Date: November 4, 2004

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	045007-0307218	
Applicant: Cox et al.		
Appln. No.: 10/731,411		
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Examiner: unknown		Art Unit: 1614

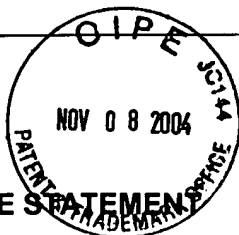
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Date Considered:

PAT-1449 12/98

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Atty.
Dkt. No.

C-M#

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

Examiner's Initials*			English Abstract		Translation Readily Available	
			Enclosed	No	Enclosed	No
	CR	Oh et al., "Screening for Non-Protein Amino Acids in Seeds of the Guam Cycad, <i>Cycas Circinalis</i> , by an Improved GC-MS Method", <i>Planta Med.</i> , 1995; 61: 66-70				
	DR	Kisby et al., "Determination of β -N-methylamino-L-alanine (BMAA) in plant (<i>Cycas circinalis</i> L.) and animal tissue by precolumn derivatization with 9-fluorenylmethyl chloroformate (FMO) and reversed-phase high-performance liquid chromatography", <i>Journal of Neuroscience Methods</i> , 1988; 26:45-54				
	ER	Wang et al., "Quantitative Analysis of Low Molecular Weight Polar Compounds by Continuous Flow Liquid Secondary Ion Tandem Mass Spectrometry", <i>Analytical Chemistry</i> , May 1, 1989; 61(9):1013-1016				
	FR	Kisby et al., "Content of the neurotoxins cycasin (methylazoxymethanol β -D-glucoside) and BMAA (β -N-methylamino-L-alanine) in cycad flour prepared by Guam Chamorros", <i>Neurology</i> , July 1992; 42:1336-1340				
	GR	Duncan et al., "2-Amino-3-(methylamino)-propanoic acid (BMAA) in cycad flour: An unlikely cause of amyotrophic lateral sclerosis and parkinsonism-dementia of Guam", <i>Neurology</i> , May 1990; 40:767-772				
	HR	Charlton et al., "Quantification of the Neurotoxin 2-Amino-3-(Methylamino)-propanoic acid (BMAA) in Cycadales", <i>Phytochemistry</i> , 1992; 31(10):3429-3432				
	IR	Pan et al., "Identification of nonprotein amino acids from cycad seeds as N-ethoxycarbonyl ethyl ester derivatives by positive chemical-ionization gas chromatography-mass spectrometry", <i>Journal of Chromatography A</i> , 1997; 787:288-294				
	JR	Pai et al., "Billionfold difference in the toxic potencies of two excitatory plant amino acids, L-BOAA and L-BMAA: biochemical morphological studies using mouse brain slices", <i>Neuroscience Research</i> , 1993; 17:241-248				
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	LR	Cox et al., "Biomagnification of cyanobacterial neurotoxins and neurodegenerative disease among the Chamorro people of Guam", <i>PNAS</i> , November 11, 2003; 100(23):13380-13383				
	MR	Brenner et al., "Cycads: evolutionary innovations and the role of plant-derived neurotoxins", <i>Trends in Plant Science</i> , September 2003; 8(9):446-452				
	NR	Furey et al., "The first identification of the rare cyanobacterial toxin, homoanatoxin-a, in Ireland", <i>Toxicon</i> , 2003; 41:297-303				

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 (modified)
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Examiner: unknown

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OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

Examiner's

Initials*

English

Abstract

Translation

Readily
Available

Enclosed

No

Enclosed

No

OR

Vécsei et al., "Neurotoxins and Neurodegenerative Disorders",
NeuroToxicology, 1998; 19(4-5):511-514

PR

Kisby et al., "Cycasin and BMAA: Candidate Neurotoxins for Western Pacific
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Spencer et al., "Guam Amyotrophic Lateral Sclerosis-Parkinsonism-Dementia
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Chen et al., "Cycad neurotoxin, consumption of flying foxes, and ALS/PDC
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